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(54) **Multidisk oil-bath clutch**

(57) A multidisk oil-bath clutch (1) having: a housing (4) mounted to rotate about a longitudinal axis (5) of rotation; at least one hub (6) mounted to rotate about the longitudinal axis (5) of rotation and housed inside and coaxially with the housing (4); a number of drive disks (7) housed inside the housing (4) and angularly integral with the housing (4) or the hub (6); a number of driven disks (8) housed inside the housing (4), alternating with the drive disks (7), and angularly integral with the hub (6) or the housing (4); at least one oil inlet (24) into the housing (4); and at least one oil outlet (25) from the housing (4). Each drive disk (7) has a number of first circulation channels (19) equally spaced about the longitudinal axis (5) of rotation and extending radially from an inner edge of the drive disk (7) to an outer edge of the drive disk (7); and each driven disk (8) has a number of second circulation channels (21) equally spaced about the longitudinal axis (5) of rotation and extending radially from an inner edge of the driven disk (8) to an outer edge of the driven disk (8).

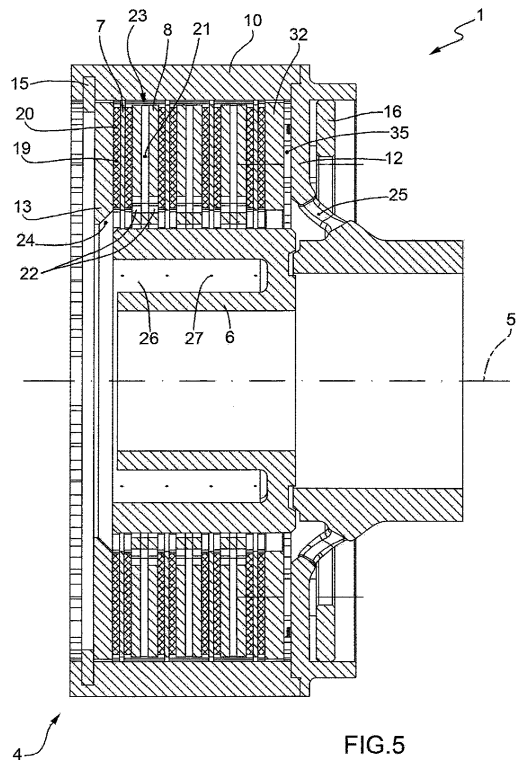


FIG.5

**EP 2 163 777 A3**



EUROPEAN SEARCH REPORT

Application Number  
EP 09 17 0114

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5 The present search report has been drawn up for all claims				
Place of search The Hague		Date of completion of the search 11 July 2013	Examiner Van Overbeeke, Sim	
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document		
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document				

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EUROPEAN SEARCH REPORT

Application Number  
EP 09 17 0114

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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 11 July 2013	Examiner Van Overbeeke, Sim
<b>CATEGORY OF CITED DOCUMENTS</b> X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document	

5 EPO FORM 1503 03.82 (P/M/C01)



Application Number

EP 09 17 0114

**CLAIMS INCURRING FEES**

The present European patent application comprised at the time of filing claims for which payment was due.

- Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):
- No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

**LACK OF UNITY OF INVENTION**

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:
- The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



**LACK OF UNITY OF INVENTION  
SHEET B**

Application Number  
EP 09 17 0114

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-10

multidisk oil-bath clutch having specific drive and driven disks

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2. claims: 11-16

multi disk oil-bath clutch comprising specific oil inlets fed by a feed conduit in the hub

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3. claims: 1, 17-22

multi disk oil-bath clutch comprising a feed circuit

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 09 17 0114

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